

Taylor Diagrams

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# MV - Masked Variable (MV): A masked array having a domain and metadata.
# Computations carry along the domain and metadata information where
# possible. A masked variable in memory is referred to as transient
# variable and a masked variable in a dataset is called a file variable.
import MV,sys
data = MV.array([[1.2,.9],[0.7,.6],[1.1,.8] ])

print data

# vcs - Visualization and control System 1D and 2D plotting routines.
import vcs

x=vcs.init()
td=x.createtaylordiagram('new')
x.plot(data,td)

print "Press the Return key to Taylordiagram attribute listing."
sys.stdin.readline()

td.list()

print "Press the Return key to see next plot."
sys.stdin.readline()

# Note that here you can use either the color number
# or a "name"
td.Marker.color = ['red',244,'green']
x.clear()
x.plot(data,td)

print "Press the Return key to see next plot."
sys.stdin.readline()

td.Marker.id_color = ['red',244,'green']
td.Marker.id = ['Point 1','Point 2','Point 3']
td.Marker.symbol=['dot','cross','circle']
x.clear()
x.plot(data,td)

print "Press the Return key to see next plot."
sys.stdin.readline()

td.referencevalue = 2.
td.max = 2.5
x.clear()
x.plot(data,td)

print "Press the Return key to end."
sys.stdin.readline()
```